

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/550,961  
Source: P5/10  
Date Processed by STIC: 10/7/05

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 10/07/2005

PATENT APPLICATION: US/10/550,961

TIME: 10:12:06

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\10072005\J550961.raw

*These are prior data*

<1507

3 <110> APPLICANT: Biogen Idec MA Inc.  
 4 Ambrose, Christine  
 5 Thompson, Jeffrey  
 6 Hsu, Yen-Ming  
 7 Wen, Dingyi  
 8 Sun, Yaping

10 <120> TITLE OF INVENTION: Truncated BAFF-R receptors  
 12 <130> FILE REFERENCE: 08201.0039-00304  
 W--> 13 <140> CURRENT APPLICATION NUMBER: PCT/US04/07692  
 C--> 14 <141> CURRENT FILING DATE: 2005-09-26  
 <1517

15 <150> PRIOR APPLICATION NUMBER: US 60/458,707  
 16 <151> PRIOR FILING DATE: 2003-03-28  
 18 <160> NUMBER OF SEQ ID NOS: 9  
 20 <170> SOFTWARE: PatentIn version 3.1  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 72  
 24 <212> TYPE: PRT  
 25 <213> ORGANISM: Homo sapiens  
 27 <220> FEATURE:  
 28 <221> NAME/KEY: MISC\_FEATURE  
 29 <222> LOCATION: (21)..(21)  
 30 <223> OTHER INFORMATION: X is V (wild type) or N (substitution)  
 33 <220> FEATURE:  
 34 <221> NAME/KEY: MISC\_FEATURE  
 35 <222> LOCATION: (28)..(28)  
 36 <223> OTHER INFORMATION: X is L (wild type) or P (substitution)  
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 42 1 5 10 15  
 W--> 45 Pro Thr Pro Cys Xaa Pro Ala Glu Cys Phe Asp Xaa Leu Val Arg His  
 46 20 25 30  
 49 Cys Val Ala Cys Gly Leu Leu Arg Thr Pro Arg Pro Lys Pro Ala Gly  
 50 35 40 45  
 53 Ala Ser Ser Pro Ala Pro Arg Thr Ala Leu Gln Pro Gln Glu Ser Val  
 54 50 55 60  
 57 Gly Ala Gly Ala Gly Glu Ala Ala  
 58 65 70  
 61 <210> SEQ ID NO: 2  
 62 <211> LENGTH: 220  
 63 <212> TYPE: DNA  
 64 <213> ORGANISM: Homo sapiens  
 66 <400> SEQUENCE: 2  
 67 gacgtcaggc gagggccccc gagcctgcgg ggaagggacg cgccagcccc cagccctgc 60

Does Not Comply  
 Corrected Diskette Needed

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69 gtcccgccg agtgcttcga cctgctggtc cgccactgcg tggcctgcgg gctcctgcgc      120
71 acgccgcggc cgaaaccggc cggggccagc agccctgcgc ccaggacggc gctgcagccg      180
73 caggagtcgg tgggcgcggg ggccggcgag gcggcggtcg      220
76 <210> SEQ ID NO: 3
77 <211> LENGTH: 220
78 <212> TYPE: DNA
79 <213> ORGANISM: Homo sapiens
81 <400> SEQUENCE: 3
82 gacgtcaggc gagggcccg gagcctgcgg ggaagggacg cgccagcccc cacgccctgc      60
84 aatccggccg agtgcttcga ccctctggtc cgccactgcg tggcctgcgg gctcctgcgc      120
86 acgccgcggc cgaaaccggc cggggccagc agccctgcgc ccaggacggc gctgcagccg      180
88 caggagtcgg tgggcgcggg ggccggcgag gcggcggtcg      220
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92 <211> LENGTH: 227
93 <212> TYPE: PRT
94 <213> ORGANISM: Homo sapiens
96 <400> SEQUENCE: 4
98 Val Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu
99 1          5          10          15
102 Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu
103          20          25          30
106 Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser
107          35          40          45
110 His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu
111          50          55          60
114 Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr
115 65          70          75          80
118 Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn
119          85          90          95
122 Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro
123          100         105         110
126 Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln
127          115         120         125
130 Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val
131          130         135         140
134 Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val
135 145          150         155         160
138 Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro
139          165         170         175
142 Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr
143          180         185         190
146 Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val
147          195         200         205
150 Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu
151          210         215         220
154 Ser Pro Gly
155 225
158 <210> SEQ ID NO: 5
159 <211> LENGTH: 681

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160 <212> TYPE: DNA
161 <213> ORGANISM: Homo sapiens
163 <400> SEQUENCE: 5
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166 gtcttcctct tcccccaaaa acccaaggac accctcatga tctcccggac ccctgaggtc      120
168 acatgcgtgg tgggtggacgt gagccacgaa gacctgagg tcaagttcaa ctggtacgtg      180
170 gacggcgtgg aggtgcataa tgccaagaca aagccgcggg aggagcagta caacagcacg      240
172 taccgtgtgg tcagcgtcct caccgtcctg caccaggact ggctgaatgg caaggagtac      300
174 aagtgaagg tctccaacaa agccctccca gcccctatcg agaaaaccat ctccaaagcc      360
176 aaagggcagc ccgagaacc acaggtgtac accctgcccc catcccggga tgagctgacc      420
178 aagaaccagg tcagcctgac ctgcctggtc aaaggcttct atcccagcga catcgccgtg      480
180 gagtgggaga gcaatgggca gccggagaac aactacaaga ccacgcctcc cgtgttggac      540
182 tccgacggct ccttcttcct ctacagcaag ctcaccgtgg acaagagcag gtggcagcag      600
184 gggaacgtct tctcatgctc cgtgatgcat gaggctctgc acaaccacta cacgcagaag      660
186 agcctctccc tgtctcccgg g                                     681
189 <210> SEQ ID NO: 6
190 <211> LENGTH: 67
191 <212> TYPE: PRT
192 <213> ORGANISM: Mus musculus
194 <400> SEQUENCE: 6
196 Asp Val Gly Ala Arg Arg Leu Arg Val Arg Ser Gln Arg Ser Arg Asp
197 1          5          10          15
200 Ser Ser Val Pro Thr Gln Cys Asn Gln Thr Glu Cys Phe Asp Pro Leu
201          20          25          30
204 Val Arg Asn Cys Val Ser Cys Glu Leu Phe His Thr Pro Asp Thr Gly
205          35          40          45
208 His Thr Ser Ser Leu Glu Pro Gly Thr Ala Leu Gln Pro Gln Glu Gly
209          50          55          60
212 Ser Ala Leu
213 65
216 <210> SEQ ID NO: 7
217 <211> LENGTH: 73
218 <212> TYPE: PRT
219 <213> ORGANISM: Homo sapiens
221 <220> FEATURE:
222 <221> NAME/KEY: misc_feature
223 <222> LOCATION: (21)..(21)
224 <223> OTHER INFORMATION: X is V (wild type) or N (substitution)
227 <220> FEATURE:
228 <221> NAME/KEY: misc_feature
229 <222> LOCATION: (28)..(28)
230 <223> OTHER INFORMATION: X is L (wild type) or P (substitution)
233 <400> SEQUENCE: 7
235 Asp Val Arg Arg Gly Pro Arg Ser Leu Arg Gly Arg Asp Ala Pro Ala
236 1          5          10          15
W--> 239 Pro Thr Pro Cys Xaa Pro Ala Glu Cys Phe Asp Xaa Leu Val Arg His
240          20          25          30
243 Cys Val Ala Cys Gly Leu Leu Arg Thr Pro Arg Pro Lys Pro Ala Gly
244          35          40          45

```

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247 Ala Ala Ser Ser Pro Ala Pro Arg Thr Ala Leu Gln Pro Gln Glu Ser  
248       50                               55                               60  
251 Val Gly Ala Gly Ala Gly Glu Ala Ala  
252 65                               70  
255 <210> SEQ ID NO: 8  
256 <211> LENGTH: 56  
257 <212> TYPE: DNA  
258 <213> ORGANISM: Homo sapiens  
260 <400> SEQUENCE: 8  
261 tcgaccgccc cggccggttt cggccgcggc gtgcgcagga gcccgcaggc cacgca       56  
263 <210> SEQ ID NO: 9  
264 <211> LENGTH: 49  
265 <212> TYPE: DNA  
266 <213> ORGANISM: Homo sapiens  
268 <400> SEQUENCE: 9  
269 gtggcctgcg ggctcctgcg cacgccgcgg ccgaaaccgg ccggggcg       49

## RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 10/07/2005

PATENT APPLICATION: US/10/550,961

TIME: 10:12:07

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\10072005\J550961.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 21,28

Seq#:7; Xaa Pos. 21,28

**VERIFICATION SUMMARY**

DATE: 10/07/2005

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Input Set : A:\seqlist.txt

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L:13 M:283 W: Missing Blank Line separator, <140> field identifier  
L:13 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:45 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:16  
L:239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:16